ORDER NO. SD7707-1251

Service Manual

Stereo Integrated Amplifier

SU-7100

(XE),(XGF),(XG),(XGH)
(XSD),(XSW)

SU-7100K

(XG),(XGH),(XSD),(XSW)

* SU-7100K is different in appearance and colour-tone.
* Cabinet colour and configuration of ventilation holes differ according to area.

* The model SU-7100(XE) is available in England only.
* The model SU-7100(XGF) is available in France only.
* The model SU-7100/K(XG) is available in European only.
* The model SU-7100/K(XGH) is available in Holland only.
* The model SU-7100/K(XSD) is available in Scandinavia only.
* The model SU-7100/K(XSW) is available in Switzerland only.

TECHNICAL SPECIFICATIONS

Specifications are subject to change without notice for further improvement.

[DIN 45 500]

AMPLIFIER SECTION

1kHz continuous power both channels driven	2 x 40 W (4Ω), 2 x 37 W (8Ω)
40Hz~16kHz continuous power both channels driven	2 x 38 W (4Ω), 2 x 36 W (8Ω)
20Hz~20kHz continuous power both channels driven	2 x 36 W (4Ω), 2 x 35 W (8Ω)
Power bandwidth both channels driven at 4Ω, 8Ω	5 Hz~30 kHz, −3 dB
Residual hum & noise	0.6mV
Total harmonic distortion	
rated power at 1 kHz	0.1% (4Ω, 8Ω)
rated power at 20 Hz~20 kHz	0.1% (4Ω, 8Ω)
rated power at 40 Hz~16 kHz	0.1% (4Ω, 8Ω)
half rated power at 20 Hz~20 kHz	0.06% (4Ω, 8Ω)
half rated power at 1 kHz	0.03% (4Ω, 8Ω)
−26 dB rated power at 1 kHz	0.1% (4Ω)
50 mW power at 1 kHz	0.2% (4Ω)
Intermodulation distortion	
rated power at 250 Hz: 8000 Hz = 4:1, 4Ω	0.15%
rated power at 60 Hz: 7 kHz = 4:1, 8Ω	0.1%
Damping factor	20 (4Ω), 40 (8Ω)
Input sensitivity and impedance	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/PLAY input	180 mV/36 kΩ
PHONO maximum input voltage (1 kHz, RMS)	110mV
S/N	
rated power, 4Ω PHONO	63 dB (IHF, A: 78 dB)
TUNER, TAPE	83 dB (IHF, A: 97 dB)
−26dB rated power, 4Ω	
PHONO 55 dB, **TUNER, TAPE** 58dB	
50mW power output, 4Ω	
PHONO 53 dB, **TUNER, TAPE** 53dB	
Frequency response	
PHONO (30Hz~15kHz)	RIAA standard curve ± 0.5 dB
TUNER, TAPE	10Hz~80kHz, −3 dB
	15Hz~40kHz, −1 dB
	20Hz~20kHz, ± 0.5 dB
Tone controls BASS	50 Hz, + 12dB~− 12dB
TREBLE	20 kHz, + 12dB~− 12dB
Loudness control (volume at −30 dB)	100 Hz, + 8dB
High filter	8kHz, −6dB/oct.
Output voltage TAPE 1,2 REC OUT	150mV
TAPE 1 REC/PLAY output	30mV/82kΩ
Channel balance (250 Hz~6300 Hz)	± 1.5dB
Channel separation at 1 kHz	50 dB
Headphones level and output impedance	400 mV/330Ω
Load impedance MAIN or REMOTE	4~16 Ω

GENERAL

Power consumption	340W
Power supply (50 Hz/60 Hz)	220V/240V
Dimensions (W × H × D)	410 × 139 × 329mm (16⅛" × 5½" × 12⅞")
Weight	6.6 kg (14.6 lb.)

Technics

Matsushita Electric Trading Co., Ltd.
P.O. Box 288, Central Osaka Japan

TECHNISCHE DATEN (DIN 45 500)

Spezifikationen können infolge von Verbesserungen ohne Ankündigung geändert werden.

VERSTÄRKERTEIL

RMS-Dauertonleistung bei 1 kHz	
beide Kanäle zusammen ausgesteuert	2 x 40 W (4Ω)
	2 x 37 W (8Ω)
RMS-Dauertonleistung bei 40 Hz ~ 16 kHz	
beide Kanäle zusammen ausgesteuert	2 x 38 W (4Ω)
	2 x 36 W (8Ω)
RMS-Dauertonleistung bei 20 Hz ~ 20 kHz	
beide Kanäle zusammen ausgesteuert	2 x 36 W (4Ω)
	2 x 35 W (8Ω)
Leistungsbandbreite	
beide Kanäle ausgesteuert bei 4Ω, 8Ω	5Hz~30kHz, –3dB
Harmonische Verzerrungen	
Nennleistung bei 1 kHz	0.1% (4Ω, 8Ω)
Nennleistung bei 20 Hz ~ 20 kHz	0.1% (4Ω, 8Ω)
Nennleistung bei 40 Hz ~ 16 kHz	0.1% (4Ω, 8Ω)
– 26 dB Ausgangsleistung bei 1 kHz	0.1% (4Ω)
50 mW Ausgangsleistung bei 1 kHz	0.2% (4Ω)
Intermodulationsverzerrung	
Nennleistung bei 250 Hz: 8000 Hz = 4:1, 4Ω	0.15%
Nennleistung bei 60 Hz: 7 kHz = 4:1, 8Ω	0.1%
Dämpfungsfaktor	20 (4Ω), 40 (8Ω)
Eingangsempfindlichkeit & Impedanz	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/ PLAY Eingang	180 mV/36 kΩ
PHONO Maximale Eingangsspannungen (1kHz RMS)	110mV
Hum & Noise	0.6mV
Fremdspannungsabstand	
Nennleistung, 4Ω PHONO	63dB (IHF, A:78 dB)
TUNER, TAPE	83dB (IHF, A: 97 dB)
–26dB Ausgangsleistung, 4Ω	
PHONO 55dB, **TUNER, TAPE**	58 dB
50mW Ausgangsleistung, 4Ω	
PHONO 53dB, **TUNER, TAPE**	53 dB
Frequenzgang PHONO	RIAA Standardkurve ±0.5 dB
TUNER, TAPE	10Hz ~ 80kHz, –3dB
	15Hz ~ 40kHz, –1dB
	20Hz ~ 20kHz, ±0.5dB
Klangregler BASSE	50 Hz, + 12 dB ~ – 12 dB
HÖHEN	20kHz, + 12 dB ~ – 12 dB
Gehörgerechte Lautstärkekorrektur (Lautstärke bei –30 dB)	
	100Hz, +8dB
Hochtonfilter	8kHz, –6dB/oct.
Ausgangsspannungen TAPE 1, 2 REC OUT	150 mV
TAPE 1 REC/PLAY Aufnahme	30mV/82kΩ
Kanalabweichung (250 Hz ~ 6300 Hz)	± 1.5 dB
Kanaltrennung bei 1 kHz	50 dB
Kopfhörerpegel und Ausgangsimpedanz	400mV/330Ω
Endimpedanz MAIN oder REMOTE	4 ~ 16Ω

ALLGEMEINE DATEN

Leistungsaufnahme	340 W
Netzspannung umschaltbar (50Hz/60Hz)	220 V/240 V
Abmessungen (B × H × T)	410 x 139 x 329 mm
Gewicht	6.6 kg

CARACTERISTICS TECHIQUES (DIN 45 500)

Sujet á changement sans préaris.

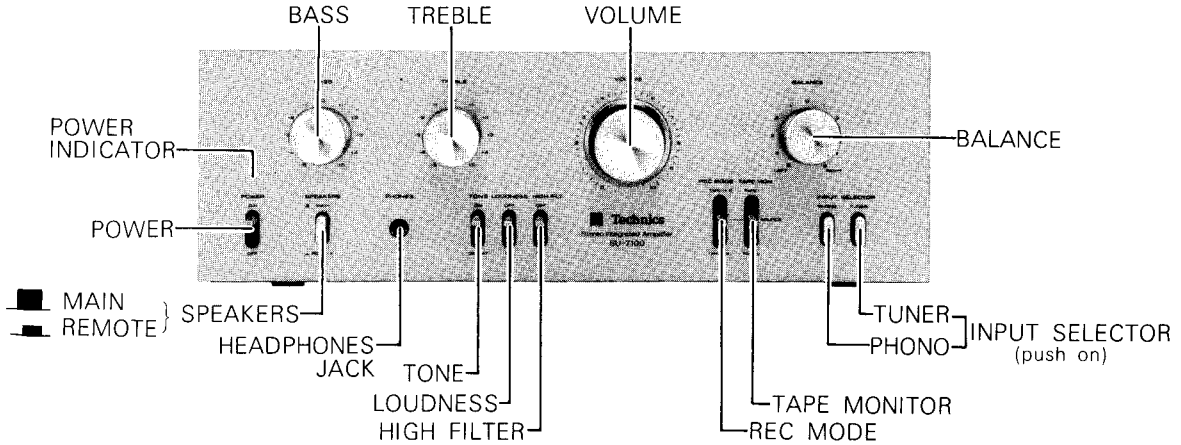
SECTION AMPLIFICATEUR

Puissance RMS (continue) de 1 kHz	
pour l'ensemble des canaux excités	2 x 40 W (4Ω)
	2 x 37 W (8Ω)
Puissance RMS (continue) de 40 Hz à 16 kHz	
pour l'ensemble des canaux excités	2 x 38 W (4Ω)
	2 x 36 W (8Ω)
Puissance RMS (continue) de 20 Hz à 20 kHz	
Pour l'ensemble des canaux excités	2 x 36 W (4Ω)
	2 x 35 W (8Ω)
Largeur de bande de puissance	
pour l'ensemble des canaux excités 4Ω, 8Ω	5 Hz ~ 30 kHz, –3 dB
Ronflement et bruit	0.6mV
Distorsion harmonique totale	
pour la puissance mesurée à 1 kHz	0.1 % (4Ω, 8Ω)
pour la puissance mesurée à 20 Hz ~ 20kHz	0.1% (4Ω, 8Ω)
pour la puissance mesurée à 40 Hz ~ 16 kHz	0.1% (4Ω, 8Ω)
pour une puissance mesurée de –26 dB, 1 kHz	0.1% (4Ω)
pour une puissance mesurée de 50 mW, 1 kHz	0.2% (4Ω)
Distorsion d'intermodulation	
pour la puissance mesurée à 250Hz: 8kHz = 4:1, 4Ω	0.15%
pour la puissance mesurée à 60Hz: 7kHz = 4:1, 8Ω	0.1%
Facteur d'amortissement	20 (4Ω), 40 (8Ω)
Sensibilité & impédance d'entrée	
PHONO	2.5 mV/47 kΩ
TUNER, TAPE 2 PLAYBACK	150 mV/33 kΩ
TAPE 1 PLAYBACK, REC/PLAY entrée	180 mV/36 kΩ
Voltage d'entrée maximum (PHONO, 1kHz RMS)	110 mV
Signal / Bruit	
pour la puissance nominale, 4Ω	
PHONO	63 dB (IHF, A: 78 dB)
TUNER, TAPE	83 dB (IHF, A: 97 dB)
pour une sortie de –26dB, 4Ω	
PHONO 55dB, **TUNER, TAPE**	58 dB
pour une sortie de 50mW, 4Ω	
PHONO 53dB, **TUNER, TAPE**	53 dB
Réponse de fréquence	
PHONO	Courbe standard RIAA ±0.5 dB
TUNER, TAPE	10Hz ~ 80kHz, –3 dB
	15Hz ~ 40kHz, –1 dB
	20Hz ~ 20kHz, ±0.5 dB
Réglage de la tonalité	
BASS (graves)	50 Hz, + 12 dB ~ – 12 dB
TREBLE (aigus)	20 kHz, + 12 dB ~ – 12 dB
Contrôle d'intensité sonore (volume à – 30 dB)	100Hz, +8dB
Filtre haut	8kHz, –6dB/oct.
Tension de sortie TAPE 1, 2 REC OUT	150 mV
TAPE 1 REC/PLAY (sortie)	30mV/82kΩ
Equilibrage de canaux (250 Hz ~ 6300 Hz)	± 1.5 dB
Ecart canaux à 1 kHz	50 dB
Niveau des ecouleurs et impedance de sortie	400mV/330Ω
Impédance de charge PRINCIPALE ou ELOIGNEE	4 ~ 16Ω

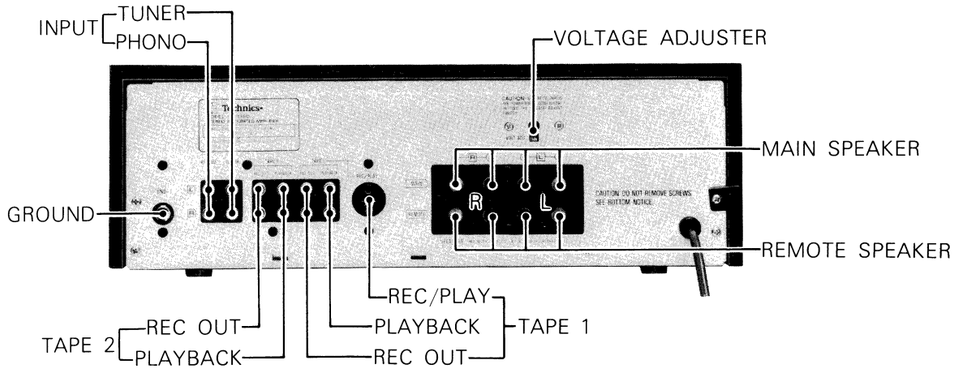
GENERALITES

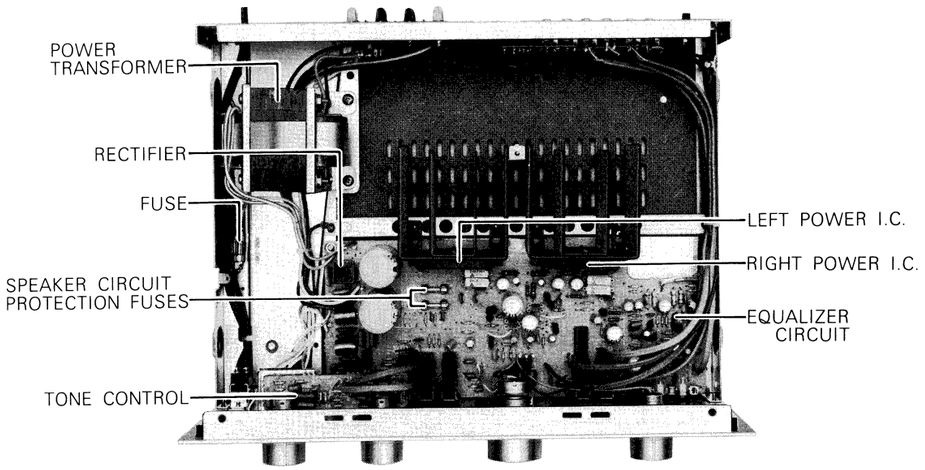
Consommation	340W
Alimentation (50 Hz/60 Hz)	220 V/240 V
Dimensions (L × H × Pr)	410 x 139 x 329 mm
Poids	6.6kg

■ LOCATION OF CONTROLS



Note: The unit is provided with the speaker circuit protection fuses at the right and left channels respectively. The fuses is to prevent the power IC from destruction. should the speaker terminals be short-circuited. Accordingly, if the unit fails to function upon completion of the speaker connections, check the speaker protection fuses first of all for possible blowing.





■ TO REMOVE THE CABINET

1. Remove the four screws [fig. 1: ①～④] at the left and right sides of the cabinet.
2. Loosen the chassis screw [fig. 1: ⑤] at the right side of the rear panel.
3. Grasp the left and right sides of the cabinet, and lift it upward to separate it from the chassis.
4. To re-install the cabinet, reverse the above steps. Finally, tighten the metal clamp.

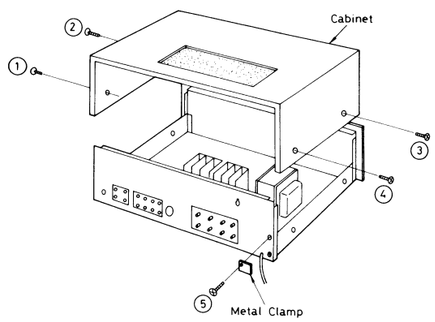


Fig. 1

■ TO REMOVE THE BOTTOM BOARD

1. Remove the cabinet.
2. Remove the five screws [fig. 2: ⑥～⑩] holding the bottom panel.
3. Because the rear edge of the bottom panel is inserted in the opening between the rear panel and the chassis, the bottom panel can be removed (in the direction shown by the arrow) by slightly lifting its front, as shown in figure 2.

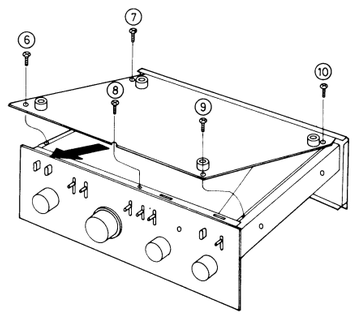


Fig. 2

■ TO REMOVE THE FRONT PANEL

1. Remove the cabinet and bottom board.
2. Pull off the bass, treble, balance and volume control knobs.
3. Remove the nut holding the volume control, and remove the ornament from the panel.
4. Remove the two screws [fig. 3: ⑪～⑫] which hold the panel.
5. Set all lever-type switches to the lower position, and push all pushbuttons to the pushed-in positions.
6. The 3 projections on the chassis are fitted into the 3 holes on the bottom of the front panel. The front panel can be removed from the chassis, therefore, by tilting it forward (as shown in figure 4), and pushing it downward as shown in figure 5.
7. Because the power indicator printed-circuit board is bonded to the rubber piece on the rear of the front panel, special care should be taken when removing the printed-circuit board so as not to break it.
8. For re-installation, the above steps should be followed in reverse.

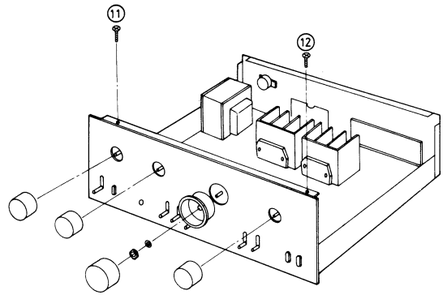


Fig. 3

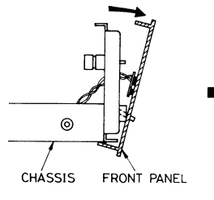


Fig. 4

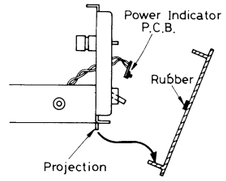
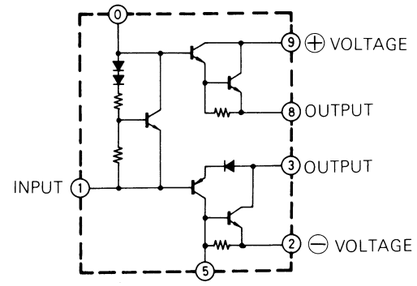


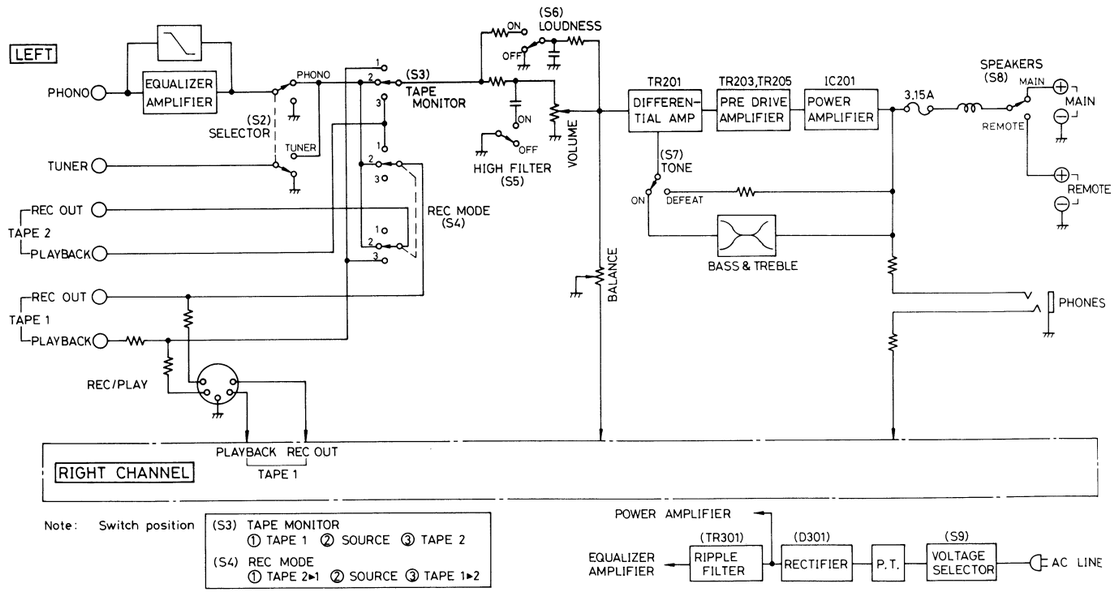
Fig. 5

■ POWER INTEGRATED CIRCUIT

(SVISTK0039K)

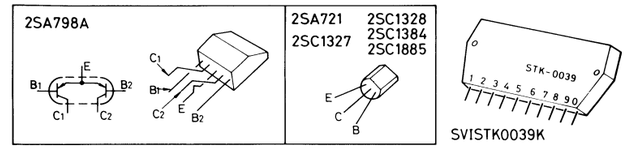


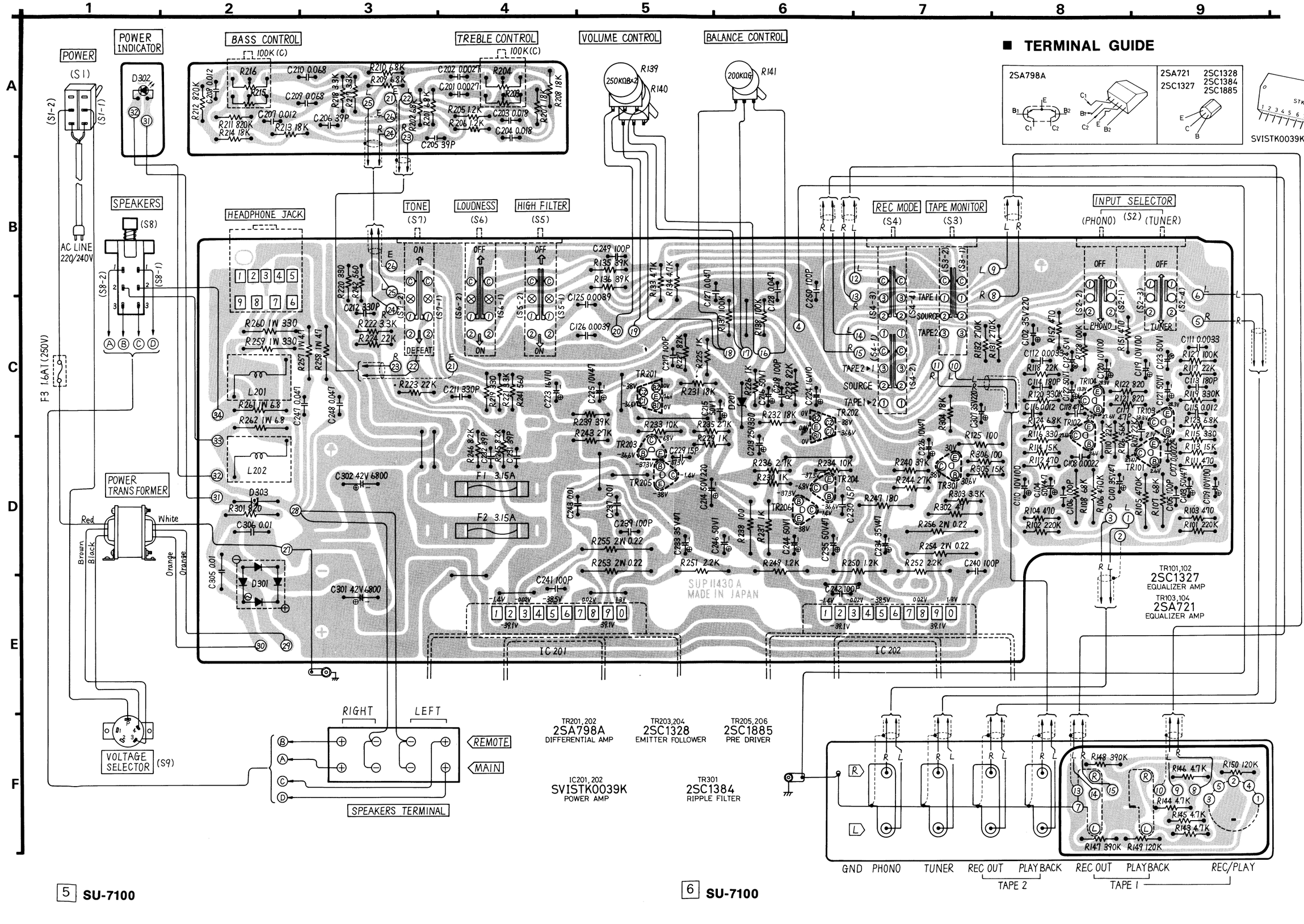
■ BLOCK DIAGRAM



Printed Circuit Board ····· Model SU-7100/SU-7100K

■ TERMINAL GUIDE

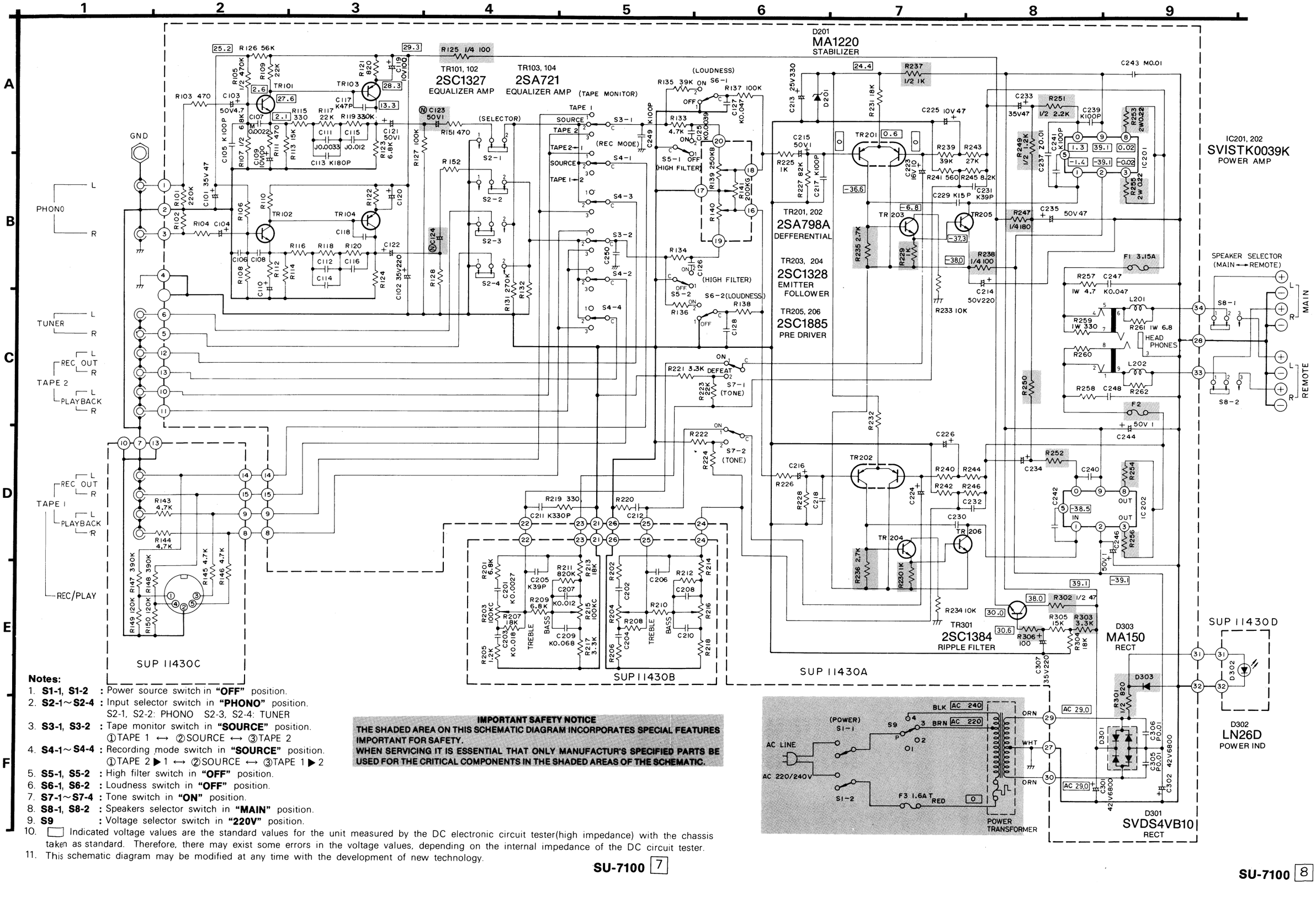




5 **SU-7100**

6 **SU-7100**

Schematic Diagram ..... Model SU-7100/SU-7100K



Notes:

1. **S1-1, S1-2** : Power source switch in **"OFF"** position.
2. **S2-1～S2-4** : Input selector switch in **"PHONO"** position. S2-1, S2-2: PHONO S2-3, S2-4: TUNER
3. **S3-1, S3-2** : Tape monitor switch in **"SOURCE"** position. ①TAPE 1 ↔ ②SOURCE ↔ ③TAPE 2
4. **S4-1～S4-4** : Recording mode switch in **"SOURCE"** position. ①TAPE 2 ▶ 1 ↔ ②SOURCE ↔ ③TAPE 1 ▶ 2
5. **S5-1, S5-2** : High filter switch in **"OFF"** position.
6. **S6-1, S6-2** : Loudness switch in **"OFF"** position.
7. **S7-1～S7-4** : Tone switch in **"ON"** position.
8. **S8-1, S8-2** : Speakers selector switch in **"MAIN"** position.
9. **S9** : Voltage selector switch in **"220V"** position.
10. ☐ Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester(high impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.
11. This schematic diagram may be modified at any time with the development of new technology.

IMPORTANT SAFETY NOTICE
THE SHADED AREA ON THIS SCHEMATIC DIAGRAM INCORPORATES SPECIAL FEATURES IMPORTANT FOR SAFETY.
WHEN SERVICING IT IS ESSENTIAL THAT ONLY MANUFACTUR'S SPECIFIED PARTS BE USED FOR THE CRITICAL COMPONENTS IN THE SHADED AREAS OF THE SCHEMATIC.

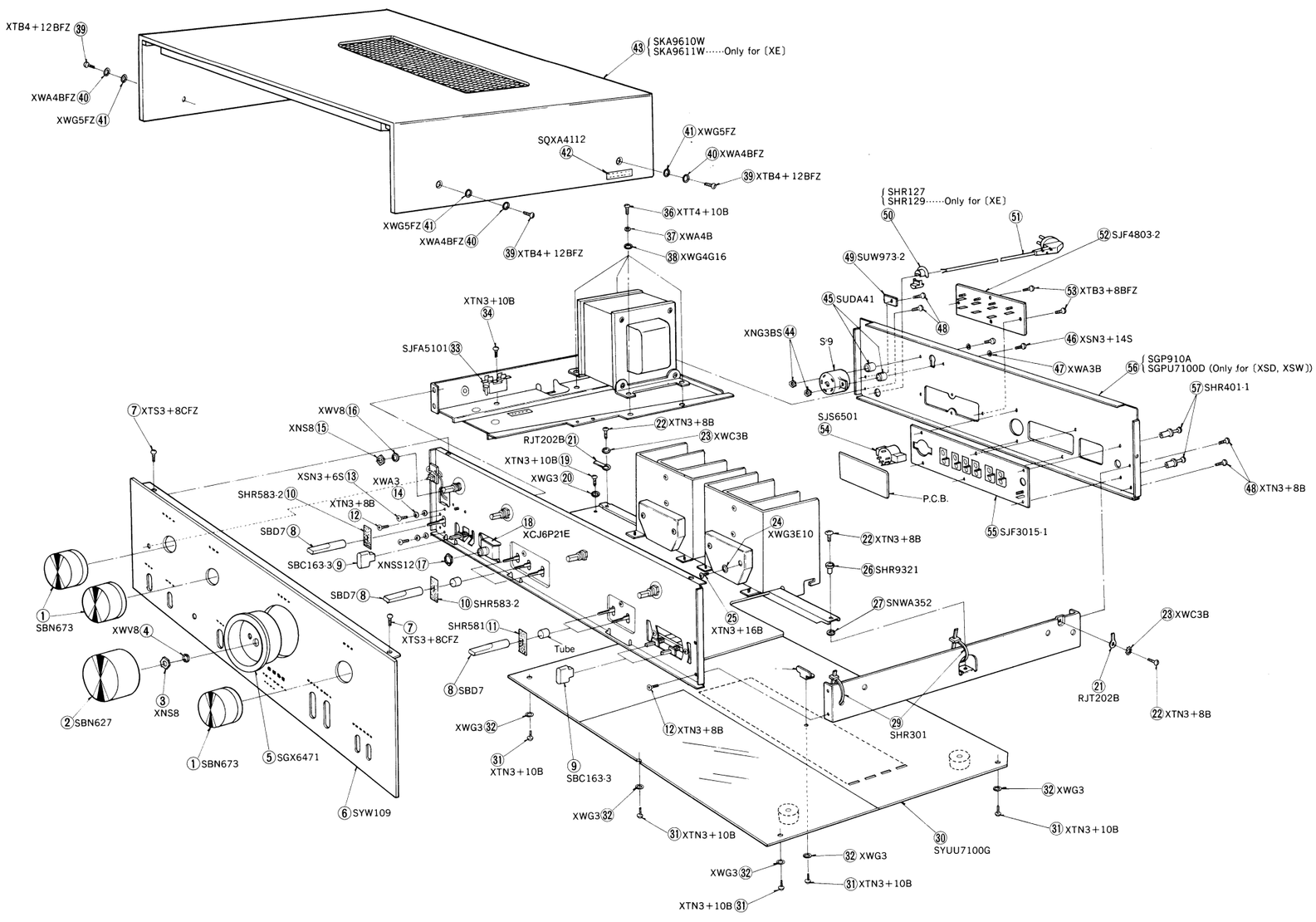
■ REPLACEMENT PARTS LIST

Important Safety Notice
Components identified by shaded area have special characteristics important for safety.
When replacing any of these components use only manufacturer's specified parts.

NOTE: 1. Part numbers are indicated on most mechanical parts.
Please use this part number for parts orders.

Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
INTEGRATED CIRCUITS					
IC201, 202	SVISTK0039K	IC, Power Amplifier	2		○
TRANSISTORS					
TR101, 102	**2SC1328-T**	Transistor, Equalizer Amplifier (Use in ranks S,T or U)	2		
TR103, 104	**2SA902S-F**	Transistor, Equalizer Amplifier (Use in ranks F or G)	2		
TR201, 202	**2SA798A-G2**	Transistor, Differential Amplifier (Use in ranks F2 or G2)	2		
TR203, 204	**2SC1328-T**	Transistor, Emitter Follower (Use in ranks S,T or U)	2		
TR205, 206	2SC1885-R	Transistor, Pre Amplifier (Use in ranks Q,R or S)	2		
TR301	**2SC1384A-Q**	Transistor, Ripple Filter (Use in ranks P,Q or R)	1		
DIODES					
D201	MA1220	Zener Diode, 22V	1		
D301	SVDS4VB10	Rectifier	1		
D302	LN26D	Light Emitting Diode, Power Indicator	1		
D303	MA150	Rectifier	1		
TRANSFORMER and COILS					
T1	SLT5P111-W	Power Transformer	1		○
L201, 202	SLQY15G-3U	Coil, Output	2		
RESISTORS					
R101, 102	**ERD25TJ224**	Carbon, 220kΩ, 1/4W, ±5%	2		
R103, 104	**ERD25TJ471**	Carbon, 470Ω, 1/4W, ±5%	2		
R105, 106	ERD12TSJ474	Carbon, 470kΩ, 1/2W, ±5%	2		
R107, 108	ERD12TSJ683	Carbon, 68kΩ, 1/2W, ±5%	2		
R109, 110	**ERD25TJ223**	Carbon, 22kΩ, 1/4W, ±5%	2		
R111, 112	**ERD25TJ471**	Carbon, 470Ω, 1/4W, ±5%	2		
R113, 114	**ERD25TJ153**	Carbon, 15kΩ, 1/4W, ±5%	2		
R115, 116	**ERD25TJ331**	Carbon, 330Ω, 1/4W, ±5%	2		
R117, 118	**ERD25TJ223**	Carbon, 22kΩ, 1/4W, ±5%	2		
R119, 120	**ERD25TJ334**	Carbon, 330kΩ, 1/4W, ±5%	2		
R121, 122	**ERD25TJ821**	Carbon, 820Ω, 1/4W, ±5%	2		
R123, 124	**ERD25TJ682**	Carbon, 6.8kΩ, 1/4W, ±5%	2		
R125	**ERD14FJ101**	Carbon, 100Ω, 1/4W, ±5%	1		
R126	**ERD25TJ563**	Carbon, 56kΩ, 1/4W, ±5%	1		
R127, 128	**ERD25TJ104**	Carbon, 100kΩ, 1/4W, ±5%	2		
R131, 132	**ERD25TJ274**	Carbon, 270kΩ, 1/4W, ±5%	2		
R133, 134	**ERD25TJ472**	Carbon, 4.7kΩ, 1/4W, ±5%	2		
R135, 136	**ERD25TJ393**	Carbon, 39kΩ, 1/4W, ±5%	2		
R137, 138	**ERD25TJ104**	Carbon, 100kΩ, 1/4W, ±5%	2		
R143, 144	**ERD25TJ472**	Carbon, 4.7kΩ, 1/4W, ±5%	2		
R145, 146	**ERD25TJ472**	Carbon, 4.7kΩ, 1/4W, ±5%	2		
R147, 148	**ERD25TJ394**	Carbon, 390kΩ, 1/4W, ±5%	2		
R149, 150	**ERD25TJ124**	Carbon, 120kΩ, 1/4W, ±5%	2		
R151, 152	**ERD25TJ471**	Carbon, 470Ω, 1/4W, ±5%	2		
R201, 202	**ERD25TJ682**	Carbon, 6.8kΩ, 1/4W, ±5%	2		
R205, 206	**ERD25TJ122**	Carbon, 1.2kΩ, 1/4W, ±5%	2		
R207, 208	**ERD25TJ183**	Carbon, 18kΩ, 1/4W, ±5%	2		
R209, 210	**ERD25TJ682**	Carbon, 6.8kΩ, 1/4W, ±5%	2		
R211, 212	**ERD25TJ824**	Carbon, 820kΩ, 1/4W, ±5%	2		
R213, 214	**ERD25TJ183**	Carbon, 18kΩ, 1/4W, ±5%	2		
R217, 218	**ERD25TJ332**	Carbon, 3.3kΩ, 1/4W, ±5%	2		
R219, 220	**ERD25TJ331**	Carbon, 330Ω, 1/4W, ±5%	2		
R221, 222	**ERD25TJ332**	Carbon, 3.3kΩ, 1/4W, ±5%	2		
R223, 224	**ERD25TJ223**	Carbon, 22kΩ, 1/4W, ±5%	2		
R225, 226	**ERD25TJ102**	Carbon, 1kΩ, 1/4W, ±5%	2		
R227, 228	**ERD25TJ823**	Carbon, 82kΩ, 1/4W, ±5%	2		
R229, 230	**ERD18FJ102**	Carbon, 1kΩ, 1/8W, ±5%	2		
R231, 232	**ERD25TJ183**	Carbon, 18kΩ, 1/4W, ±5%	2		
R233, 234	**ERD25TJ103**	Carbon, 10kΩ, 1/4W, ±5%	2		
R235, 236	**ERD18FJ272**	Carbon, 2.7kΩ, 1/8W, ±5%	2		
R237	**ERD12FJ102**	Carbon, 1kΩ, 1/2W, ±5%	1		
R238	**ERD14FJ101**	Carbon, 100Ω, 1/4W, ±5%	1		
R239, 240	**ERD25TJ393**	Carbon, 39kΩ, 1/4W, ±5%	2		
R241, 242	**ERD25TJ561**	Carbon, 560Ω, 1/4W, ±5%	2		
R243, 244	**ERD25TJ273**	Carbon, 27kΩ, 1/4W, ±5%	2		
R245, 246	**ERD25TJ822**	Carbon, 8.2kΩ, 1/4W, ±5%	2		
R247	**ERD14FJ181**	Carbon, 180Ω, 1/4W, ±5%	1		
R249, 250	**ERD12FJ122**	Carbon, 1.2kΩ, 1/2W, ±5%	2		
R251, 252	**ERD12FJ222**	Carbon, 2.2kΩ, 1/2W, ±5%	2		
R253, 254	**ERF2AKR22**	Non-Flammable, 0.22Ω, 2W, ±10%	2		
R255, 256	**ERF2AKR22**	Non-Flammable, 0.22Ω, 2W, ±10%	2		
R257, 258	**ERX1ANJ4R7**	Metal Film, 4.7Ω, 1W, ±5%	2		
R259, 260	**ERG1ANJ331**	Metal Film, 330Ω, 1W, ±5%	2		
R261, 262	**ERX1ANJ6R8**	Metal Film, 6.8Ω, 1W, ±5%	2		
R301	**ERD12FJ821**	Carbon, 820Ω, 1/2W, ±5%	1		
R302	**ERD12FJ470**	Carbon, 47Ω, 1/2W, ±5%	1		
R303	**ERD18FJ332**	Carbon, 3.3kΩ, 1/8W, ±5%	1		
R304	**ERD25TJ183**	Carbon, 18kΩ, 1/4W, ±5%	1		
R305	**ERD25TJ153**	Carbon, 15kΩ, 1/4W, ±5%	1		
R306	**ERD18FJ101**	Carbon, 100Ω, 1/8W, ±5%	1		
VARIABLE RESISTORS					
R139, 140	EWF87A031BF5	Volume Control, 250kΩ (B)	1		○
R141	EVHE9A067G25	Balance Control, 250kΩ (G)	1		○
R203, 204	EWKGSA033C15	Treble Control, 100kΩ (C)	1		○
R215, 216	EWKGSA033C15	Bass Control, 100kΩ (C)	1		○

■ EXPLODED VIEW

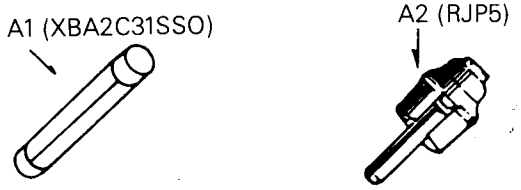


Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
		CAPACITORS			
C101	**ECEA35V47V**	Electrolytic, 47 μF, 35V	1		
C102	**ECEA35V220V**	Electrolytic, 220 μF, 35V	1		
C103, 104	**ECEA50M4R7R**	Electrolytic, 4.7 μF, 50V	2		
C105, 106	ECCD1H101K	Ceramic, 100pF, 50V, ±10%	2		
C107, 108	ECKD1H222MD	Ceramic, 0.0022 μF, 50V, ±20%	2		
C109, 110	**ECEA10V100**	Electrolytic, 100 μF, 10V,	2		
C111, 112	ECQM1H332JZ	Polyester, 0.0033 μF, 50V, ±5%	2		
C113, 114	ECCD1H181K	Ceramic, 180pF, 50V, ±10%	2		
C115, 116	ECQM1H123JZ	Polyester, 0.012 μF, 50V, ±5%	2		
C117, 118	ECCD1H470K	Ceramic, 47pF, 50V, ±10%	2		
C119, 120	**ECEA10V100**	Electrolytic, 100 μF, 10V	2		
C121, 122	**ECEA50M1R**	Electrolytic, 1 μF, 50V	2		
C123, 124	**ECEA50N1**	Non-Polar Electrolytic, 1 μF, 50V	2		
C125, 126	ECQM1H392KZ	Polyester, 0.0039 μF, 50V, ±10%	2		
C127, 128	ECQM1H473KZ	Polyester, 0.047 μF, 50V, ±10%	2		
C201, 202	ECQM1H272KZ	Polyester, 0.0027 μF, 50V, ±10%	2		
C203, 204	ECQM1H183KZ	Polyester, 0.018 μF, 50V, ±10%	2		
C205, 206	ECCD1H390K	Ceramic, 39pF, 50V, ±10%	2		
C207, 208	ECQM1H123KZ	Polyester, 0.012 μF, 50V, ±10%	2		
C209, 210	ECQM1H683KZ	Polyester, 0.068 μF, 50V, ±10%	2		
C211, 212	ECKD1H331KB	Ceramic, 330pF, 50V, ±10%	2		
C213	**ECEA25V330V**	Electrolytic, 330 μF, 25V	1		
C214	**ECEA50V220V**	Electrolytic, 220 μF, 50V	1		
C215, 216	**ECEA50M1R**	Electrolytic, 1 μF, 50V	2		
C217, 218	ECCD1H101K	Ceramic, 100pF, 50V, ±10%	2		
C223, 224	**ECEA16V10**	Electrolytic, 10 μF, 16V	2		
C225, 226	**ECEA10V47**	Electrolytic, 47 μF, 10V	2		
C229, 230	ECCD2H150K	Ceramic, 15pF, 500V, ±10%	2		
C231, 232	ECCD1H390K	Ceramic, 39pF, 50V, ±10%	2		
C233, 234	**ECEA35V47V**	Electrolytic, 47 μF, 35V	2		
C235	**ECEA50V47V**	Electrolytic, 47 μF, 50V	1		
C237	ECKD1H103ZF	Ceramic, 0.01 μF, 50V, $^{+80}_{-20}$%	1		
C239, 240	ECCD2H101K	Ceramic, 100pF, 500V, ±10%	2		
C241, 242	ECCD2H101K	Ceramic, 100pF, 500V, ±10%	2		
C243	ECKD1H103MD	Ceramic, 0.01 μF, 50V, ±20%	1		
C244	**ECEA50V1**	Electrolytic, 1 μF, 50V	1		
C246	**ECEA50V1**	Electrolytic, 1 μF, 50V	1		
C247, 248	ECQM1H473KZ	Polyester, 0.047 μF, 50V, ±10%	2		
C249, 250	ECCD1H101K	Ceramic, 100pF, 50V, ±10%	2		
C301, 302	ECET42R682S	Electrolytic, 6800 μF, 42V	2		
C305, 306	ECKD2H103PE	Ceramic, 0.01 μF, 500V, $^{+100}_{0}$%	2		
C307	**ECEA35V220V**	Electrolytic, 220 μF, 35V	1		
		FUSES			
F1, 2	XBA2C31SSO	Fuse, 3.15A(250V), Circuit Protection	2		
F3	XBA2C16TRQ	Fuse, 1.6AT(250V), Power Source	1		
		SWITCHES			
S1	SSL37S	Switch, Power Source	1		
S2	SSH241S	Switch, Input Selector	1		○
S3, 4	SSL59	Switch, Tape Monitor & Rec Mode	1		○
S5, 6, 7	SSL61	Switch, Tone, High Filter & Loudness	1		○
S8	SSH69S	Switch, Speakers	1		○
S9	ESE376	Switch, Voltage Selector	1		
		CABINET and CHASSIS PARTS			
1	SBN673	Knob, Balance, Bass & Treble	3		○
2	SBN627	Knob, Volume Control	1		
3	XNS8	Nut, Volume M'tg	1		
4	XWV8	Washer, Spring	1		
5	SGX6471	Ornament, Volume Knob	1		
6	SYW109	Front Panel Ass'y	1		○
7	XTS3+8CFZ	Screw, Panel M'tg	2		
8	SBD7	Knob, Lever Switches	6		
9	SBC163-3	Button, Push Switches	3		
10	SHR583-2	Bracket, Lever Switches	4		
11	SHR581	Bracket, Lever Switches	2		
12	XTN3+8B	Screw, Front Chassis M'tg	4		
13	XSN3+6S	Screw, Power Switch, Speaker Switch & Selector Switch M'tg	6		
14	XWA3	Washer, Spring	6		
	XWG3	Washer	6		
15	XNS8	Nut, Bass, Treble & Balance Volume M'tg	3		
16	XWV8	Washer, Spring	3		
17	XNSS12	Nut, Headphones Jack M'tg	1		
18	XCJ6P21E	Jack, Headphones	1		
19	XTN3+10B	Screw, P.C.B. & Lever Switches M'tg	3		
20	XWG3	Washer, P.C.B. Screw	1		
21	RJT202B	Terminal, Ground	2		
22	XTN3+8B	Screw, Heat Sink & Ground Terminal M'tg	3		
23	XWC3B	Toothed Ring	2		
24	XWG3E10	Washer, Power I.C.	4		
25	XTN3+16B	Screw, Power I.C. M'tg	4		
26	SHR9321	Sleeve, Heat Sink M'tg Screw	1		
27	SNWA352	Washer	1		
29	SHR301	Clamp, Lead Wire	2		
30	SYUU7100G	Bottom Board, SYU129 with Feet (SKLA7-1)	1		*○
31	XTN3+10B	Screw, Bottom Board & Bracket M'tg	6		
32	XWG3	Washer	6		
33	**SJFA5101**	Holder, Fuse	1		
34	XTN3+10B	Screw, Fuse Holder M'tg	1		
36	XTT4+10B	Screw, Power Transformer M'tg	4		
37	XWA4B	Washer, Spring	4		
38	XWG4G16	Washer	4		
39	XTB4+12BFZ	Screw, Cabinet M'tg	4		
40	XWA4BFZ	Washer, Spring	4		
41	XWG5FZ	Washer	4		
42	SQXA4112	Label, Cabinet	1		
43	SKA9610W	Cabinet, Black	1		○
43 (XE)only	SKA9611W	Cabinet, Brown	1		○
44	XNG3BS	Nut, Voltage Selector Switch M'tg	2		
45	SUDA41	Sleeve, Voltage Selector Switch Screw	2		*
46	XSN3+14S	Screw, Voltage Selector Switch M'tg	2		

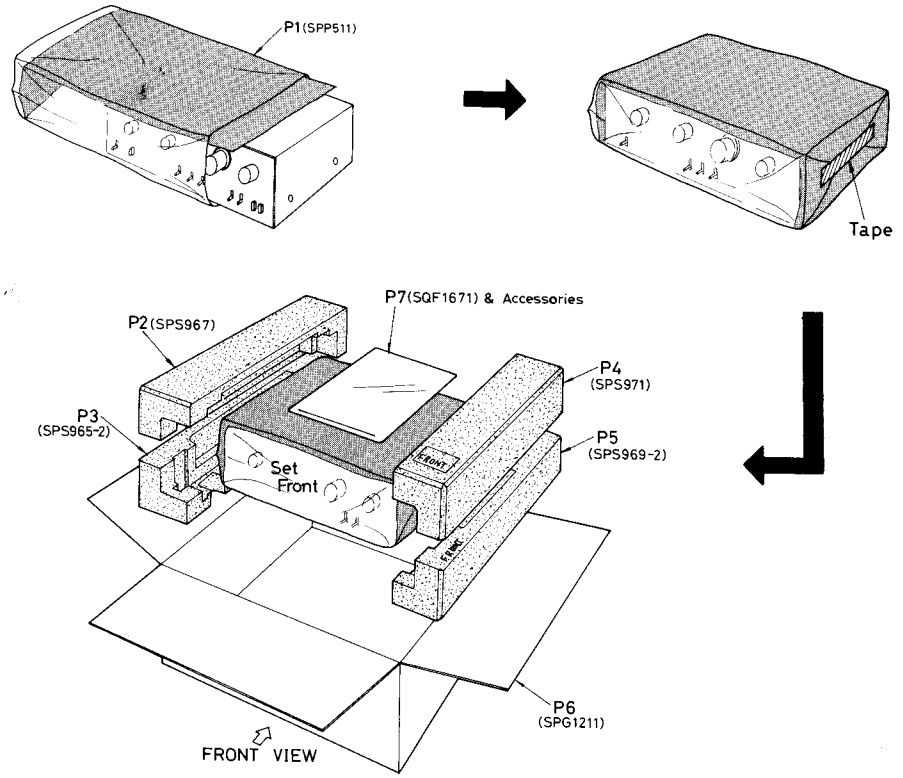
Ref. No.	Part No.	Part Name & Description	Per Set		Remarks
47	XWA3B	Washer	2		
48	XTN3+8B	Screw, Rear Panel M'tg	4		
49	SUW973-2	Brackct, Rear Panel	1		*
50	SHR127	Bushing, AC Cord	1		
50(XE)only	SHR129	Bushing, AC Cord	1		
51 (XG, XGF)	SJA95	AC Power Cord, with Plug	1		
51(XGH, XSD)	SJA81	AC Power Cord, with Plug	1		
51(XSW)	SJA88	AC Power Cord, with Plug	1		
51(XE)	SJA99	AC Power Cord	1		
52	SJF4803-2	Terminal, Speakers	1		
53	XTB3+8BFZ	Screw, Speaker Terminal M'tg	4		
54	SJS6501	Socket, Tape Deck (DIN)	1		
55	SJF3015-1	Terminal, Input & Tape Deck	1		
56	SGP910A	Rear Panel, Except for (XSD) & (XSW)	1		○
56(XSD, XSW) only	SGPU7100D	Rear Panel, SGP910A with Name Plate (SGT14630)	1		○
57	SHR401-1	Latch, Input Terminal M'tg	6		
ACCESSORIES					
A1	XBA2C31SSO	Fuse, 3.15A(250V), Circuit Protection	2		
A2	RJP5	Pin Plug	4		
PACKING PARTS					
P1	SPP511	Polyethylene Bag	1		
P2	SPS967	Pad, Left Upper	1		
P3	SPS965-2	Pad, Left Lower	1		○
P4	SPS971	Pad, Right Upper	1		
P5	SPS969-2	Pad, Right Lower	1		○
P6	SPG1211	Carton Box	1		○
P6(XGF)only	SPG1209	Carton Box	1		○
P7	SQF1671	Instructions Book, Printed Matter	1		○

Notes:
(XE) is available in England only.
(XGF) is available in France only
(XG) is available in European only.
(XGH) is available in Holland only.
(XSD) is available in Scandinavia only.
(XSW) is available in Switzerland only.

■ ACCESSORIES



■ PACKINGS



SU-7100K (XG,XGH,XSD,XSW)

* This parts list includes only the changes of the SU-7100 parts list.

Ref. No.	Change of Part No. SU-7100 ➡ SU-7100K		Name & Description	Per Set		Remarks
6	SYW109	SYW111	Front Panel Ass'y, Brack	1		○
8	SBD7	SBD7-1	Knob, Lever Switches	6		
9	SBC163-3	SBC163-2	Button, Push Switches	3		
56	SGP910A (XG,XGH,XE,XGF)	SGPU7100KG (XG,XGH)	Rear Panel, SGP910A with Name Plate (SGT14690)	1		○
	SGPU7100D (XSD,XSW)	SGPU7100KD (XSD,XSW)	Rear Panel, SGP910A with Name Plate (SGT14710)	1		○

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